☐ Generate Collection   Print

L1: Entry 1 of 3   File: USPT   Aug 4, 1998

US-PAT-NO: 5790674
DOCUMENT-IDENTIFIER: US 5790674 A

TITLE: System and method of providing system integrity and positive audit
capabilities to a positive identification system

DATE-ISSUED: August 4, 1998

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Houvener; Robert C.	Nashua	NH		
Hoenisch; Ian P.	Salem	NH		

ASSIGNEE-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY	TYPE CODE
Image Data, LLC	Nashua	NH			02

APPL-NO: 08/ 684677   [PALM]
DATE FILED: July 19, 1996

PARENT-CASE:
RELATED APPLICATION This is a Continuation-in-Part of application Ser. No.
08/436,146, filed May 8, 1995 now U.S. Pat. No. 5,657,389.

INT-CL: [06] H04 L 9/32, G06 K 9/62

US-CL-ISSUED: 380/23; 340/825.34, 382/115
US-CL-CURRENT: 713/185; 340/5.82, 340/5.9, 382/115, 713/182

FIELD-OF-SEARCH: 380/23, 382/115, 340/825.34

PRIOR-ART-DISCLOSED:

U.S. PATENT DOCUMENTS

Search Selected   Search ALL   Clear

	PAT-NO	ISSUE-DATE	PATENTEE-NAME	US-CL
☐	4858121	August 1989	Barber et al.	705/2
☐	4991205	February 1991	Lemelson	
☐	4993068	February 1991	Piosenka et al.	
☐	4995081	February 1991	Leighton et al.	

☐	5053608	October 1991	Senanayake	
☐	5095196	March 1992	Miyata	
☐	5131038	July 1992	Puhl et al.	
☐	5259025	November 1993	Monroe et al.	
☐	5321751	June 1994	Ray et al.	
☐	5337358	August 1994	Axelrod et al.	
☐	5416306	May 1995	Imahata	235/380
☐	5436970	July 1995	Ray et al.	
☐	5466918	November 1995	Ray et al.	
☐	5469506	November 1995	Berson et al.	380/23
☐	5546463	August 1996	Caputo et al.	380/25

ART-UNIT: 362

PRIMARY-EXAMINER: Barron, Jr.; Gilerto

ATTY-AGENT-FIRM: Sullivan; James T. Bourque; Daniel J. Carroll; Kevin J.

ABSTRACT:

The present invention is a system and method of providing system integrity and
positive audit capabilities to a positive identification system. The use of access
authority information units to gain access to the positive identification system
solves the problems of open, unsecured and unauditable access to data for use in
point of use identification systems. In order to secure the rights to the data that
is needed to make mass identification systems operate, it must be shown that
records will be closed and secure, as well as that there will be an audit trail of
access that is made to the data. This system solves those problems through the use
of a system and method for identification with biometric data and/or personal
identification numbers and/or personalized devices embedded with codes unique to
their assigned users.

11 Claims, 7 Drawing figures

☐ Generate Collection   Print

L1: Entry 2 of 3   File: USPT   Aug 5, 1997

US-PAT-NO: 5655007
DOCUMENT-IDENTIFIER: US 5655007 A

TITLE: Telephone based credit card protection

DATE-ISSUED: August 5, 1997

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
McAllister; Alex	Wheaton	MD		

ASSIGNEE-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY	TYPE CODE
Bell Atlantic Network Services, Inc.	Arlington	VA			02

APPL-NO: 08/ 363041   [PALM]
DATE FILED: December 23, 1994

PARENT-CASE:
RELATED APPLICATIONS This application is a continuation-in-part of application Ser.
No. 08/322,133, filed Oct. 13, 1994, now U.S. Pat. No. 5,513,250 for Telephone
Based Credit Card Protection, having a common assignee with the present
application.

INT-CL: [06] H04 M 11/00

US-CL-ISSUED: 379/91.01; 379/88
US-CL-CURRENT: 379/91.01; 379/88.02

FIELD-OF-SEARCH: 379/91, 379/88, 379/89, 379/93, 379/94, 379/201, 379/95

PRIOR-ART-DISCLOSED:

U.S. PATENT DOCUMENTS

Search Selected   Search ALL   Clear

	PAT-NO	ISSUE-DATE	PATENTEE-NAME	US-CL
☐	4485300	November 1984	Peirce	
☐	4796292	January 1989	Thomas	
☐	5315641	May 1994	Montgomery et al.	
☐	5513250	April 1996	McAliister	379/91

ART-UNIT: 265

PRIMARY-EXAMINER: Woo; Stella

ATTY-AGENT-FIRM: Lowe, Price, LeBlanc & Becker

ABSTRACT:

A system and method for enhancing the security of use of a transaction device such as a transaction card through a telephone system wherein subscribers to the service may require voice authentication as a prerequisite to a conventional transaction card authentication step. The service is automatically invoked based on a code inserted in the card, or the identity of the calling subscriber, or the identity of the called authentication bureau. The service may also be invoked in situations which do not involve the use of a transaction device but which require the input of an identifying password or number when seeking access to limited access data or services.

29 Claims, 6 Drawing figures

☐ [Generate Collection] | [Print]

L1: Entry 3 of 3   File: USPT   Oct 24, 1989

US-PAT-NO: 4876717
DOCUMENT-IDENTIFIER: US 4876717 A
** See image for Certificate of Correction **

TITLE: Adjunct processor for providing computer facility access protection via call transfer

DATE-ISSUED: October 24, 1989

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Barron; Salvador	Westminster	CO		
Coffman; James E.	Boulder	CO		

ASSIGNEE-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY	TYPE CODE
American Telephone and Telegraph Company	Morristown	NJ			02
AT&T Information Systems	Morristown	NJ			02

APPL-NO: 07/ 205054   [PALM]
DATE FILED: June 3, 1988

PARENT-CASE:
This application is a continuation of application Ser. No. 913,288, filed Sept. 30,1986, now abandoned.

INT-CL: [04] H04L 9/00

US-CL-ISSUED: 380/25; 380/49, 379/95, 340/825.31, 340/825.34
US-CL-CURRENT: 713/202; 340/5.41, 340/5.52, 379/212.01, 379/213.01, 379/903, 379/93.03, 379/93.04, 713/155, 713/182, 713/183

FIELD-OF-SEARCH: 380/3-5, 380/24, 380/47, 380/49, 380/50, 379/95, 340/825.31, 340/825.34

PRIOR-ART-DISCLOSED:

U.S. PATENT DOCUMENTS

[Search Selected] | [Search ALL] | [Clear]

PAT-NO	ISSUE-DATE	PATENTEE-NAME	US-CL

☐	3806882	April 1974	Clarke	364/200
☐	3896266	July 1975	Waterbury	235/380
☐	3984637	October 1976	Caudill et al.	179/2DP
☐	4096356	June 1978	Burtness et al.	179/18
☐	4182933	January 1980	Rosenblum	179/1.5R
☐	4415767	November 1983	Gill et al.	381/51
☐	4430728	February 1984	Beitel et al.	179/2DP
☐	4475175	October 1984	Smith	178/22.08
☐	4479122	October 1984	Redman et al.	340/825.31
☐	4520233	May 1985	Smith	179/1.5R
☐	4531023	July 1985	Levine	179/2DP
☐	4532377	July 1985	Zink	379/94
☐	4604499	August 1986	Hughes	179/2DP

OTHER PUBLICATIONS

J. T. Powers, Jr., "Switched Lines Access Restrictor", IBM Technical Disclosure Bulletin, vol. 22, No. 9, Feb., 1980, pp. 4196-4197.
J. Smith, "Call-Back Schemes Ward Off Unwanted Access by Telephone", 8032 Electronics International, 57(1984)Mar., No. 5, N.Y., U.S.A., pp. 131-135.
C. W. Beardsley, "Is Your Computer Insecure?", IEEE Spectrum, vol. 9, No. 1, Jan. 1972, pp. 67-78.

ART-UNIT: 222

PRIMARY-EXAMINER: Buczinski; Stephen C.

ASSISTANT-EXAMINER: Gregory; Bernarr Earl

ATTY-AGENT-FIRM: Watland; Ross T.

ABSTRACT:

This adjunct processor arrangement performs a centralized call screening function to provide computer port access security. Every call origination in the telephone switching system from a calling party to a protected computer port is interdicted by the telephone switching system and routed to the adjunct processor. The calling party receives a series of prompts from the adjunct processor to provide identification information, such as login, password, and voiceprint information. The adjunct processor validates the identity of the calling party using this identification indicia and initiates a callback operation. The adjunct processor disconnects the calling party from the connection, calls the calling party back and then uses the data call transfer capability of the telephone switching system to connect the calling party to the computer.

14 Claims, 2 Drawing figures